

1st Quarterly Report – Public Page

Date of Report: 31 December 2015

Contract Number: DTPH56-16-T-00020

Prepared for: DOT Pipeline and Hazardous Material Safety Administration

Project Title: Pipeline Defense with Vibration, Earth Movement, and Current Sensing

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For quarterly period ending: 31 December 2015

Results and Conclusions: The project was initiated and the kick-off call between PHMSA, OTD, and GTI took place on 10 December 2015. The majority of effort thus far has been coordinating the activities of various stakeholders rather than technical. This effort is receiving in-kind support from a similar effort sponsored by the California Energy Commission. The two projects will share common test sites and data. There will be some overlap of equipment used in both projects as well.

Plans for Future Activity: During the next quarter, GTI will complete the Technology Review and Selection task. A report detailing the current state of the art in sensors to detect pipeline vibration and earth movement will be prepared. A conceptual design for the Right-of-Way monitoring hardware will be prepared. These will be presented to all of the stakeholders.